

## **CLAIMS:**

What is claimed is

1. A memory card connector having a cavity for receiving a memory card,  
comprising:

an insulative housing having a rear terminal-mounting section at the rear of the cavity and  
which mounts a plurality of connector terminals having forwardly extending contact portions for  
engaging appropriate contacts on the memory card, the housing having a base forwardly of the  
5 rear terminal-mounting section, and the base having a baffle surface located between a pair of  
said forwardly extending contact portions;

a first switch terminal mounted on the housing and having a contact portion near the rear  
of the cavity; and

10 a second switch terminal mounted on the housing and having a flexible contact arm  
engageable by the memory card and movable by the card into engagement with the contact  
portion of the first switch terminal, the flexible contact arm having a depending baffle projection  
engageable with the baffle surface on the base of the housing for locating the flexible contact  
arm.

2. The memory card connector of claim 1 wherein the forwardly extending contact  
portion of at least one of the connector terminals is disposed in a groove in the base of the  
housing, the groove being bounded on at least one side thereof by an upstanding rib, and said  
baffle surface being on an outside surface of the rib.

3. The memory card connector of claim 2 wherein said second switch terminal has a  
bearing surface for riding along the top of said upstanding rib.

4. The memory card connector of claim 3 wherein said baffle projection projects  
downwardly from said bearing surface.

5. The memory card connector of claim 1 wherein said second switch terminal includes a body portion mounted on the rear terminal-mounting section of the housing, and said flexible contact arm extends from the body portion at an angle forwardly into the cavity.

6. The memory card connector of claim 5 wherein said second switch terminal includes a foot portion for connection to an appropriate circuit trace on a printed circuit board.

7. The memory card connector of claim 1 wherein said first switch terminal includes a body portion mounted on the housing near the rear terminal-mounting section thereof, and a flexible contact arm extending from the body portion at an angle forwardly into the cavity, said contact portion being at a distal end of the flexible contact arm.

8. The memory card connector of claim 7 wherein said first switch terminal includes a foot portion for connection to an appropriate circuit trace on a printed circuit board.

9. The memory card connector of claim 1 wherein said connector terminals include tail portions outside the housing for connection to appropriate circuit traces on the printed circuit board.

10. A memory card connector having a cavity for receiving a memory card, comprising:

an insulative housing for mounting on a printed circuit board and having a rear terminal-mounting section at the rear of the cavity and which mounts a plurality of connector terminals having forwardly extending contact portions for engaging appropriate contacts on the memory card, the terminals having tail portions outside the housing for connection to appropriate circuit traces on the printed circuit board, the housing having a base forwardly of the rear terminal-mounting section, and the base having a baffle surface located between a pair of said forwardly extending contact portions;

a first switch terminal including a body portion mounted on the housing near the rear terminal-mounting section thereof, a flexible contact arm extending from the body portion at an angle forward into the cavity at the rear thereof, a contact portion at a distal end of the flexible

contact arm, and a foot portion for connection to an appropriate circuit trace on the printed circuit board; and

- 15           a second switch terminal including a body portion mounted on the rear terminal-mounting section of the housing, a flexible contact arm extending from the body portion at an angle forwardly into the cavity and engageable by the memory card and movable by the card into engagement with the contact portion of the first switch terminal, and a foot portion for connection to an appropriate circuit trace on a printed circuit board, the flexible contact arm
- 20           having a depending baffle projection engageable with the baffle surface on the base of the housing for locating the flexible contact arm and preventing the arm from flexing outwardly into the cavity.

11.     The memory card connector of claim 10 wherein the forwardly extending contact portion of at least one of the connector terminals is disposed in a groove in the base of the housing, the groove being bounded on at least one side thereof by an upstanding rib, and said baffle surface being on an outside surface of the rib.

12.     The memory card connector of claim 11 wherein said second switch terminal has a bearing surface for riding along the top of said upstanding rib.

13.     The memory card connector of claim 12 wherein said baffle projection projects downwardly from said bearing surface.